

Pto_ms
SEQUENCE LISTING<110> Monsanto Co Rangwa

la,
Tasneem Ye, Minwei<120> Cotton Event PV-GHGT07(1445) and Compos
itions and
Methods for Detection Thereof<130> 38-21(52249)<150> 60/243190<151>
2000-10-
25<160> 12 <170> PatentIn version 3.0<210> 1<211> 25<212> DNA<
213>
Gossypium hirsutum<400> 1
tgcgatacta ggcttttgggt ttctt
25

<210> 2<211> 27<212> DNA<213> Pisum sativum<400> 2
agttatactc atggatttgt agttgag
27

<210> 3<211> 24<212> DNA<213> Agrobacterium tumefaciens<400> 3
aggcatcttg aacgatagcc ttct
24

<210> 4<211> 26<212> DNA<213> Gossypium hirsutum<400> 4
aacacctaata acaagtcata catata
26

<210> 5<211> 18<212> DNA<213> artificial<220><221> misc_feature<22
2>
(1)..(18)<223> artificial DNA sequence, part cotton genome and part tr
ansgene
<400> 5
cgattcagat caaacact
18

<210> 6<211> 18<212> DNA<213> artificial<220><221> misc_feature<22
2>
(1)..(18)<223> artificial DNA sequence, part cotton genome and part tr
ansgene
<400> 6
caaagtcaa tagcttgg
18

<210> 7<211> 320<212> DNA<213> artificial<220><221> misc_feature<2
22>
(1)..(320)<223> artificial DNA sequence, part cotton genome and part t
ransgene

Pto_ms

```

<400> 7
ttgcgatact aggccttttgg tttcttttggg ttatgtgata ttggtatta ttttattcaa
60

atacgggtggc taacataagt agctgtgagt gagatgatcc cagtaatgtc taaaatcacg 1
20

gagcataaac ttaataaata taattatctt gattggagta agacgattca gatcaaacac 1
80

tgatagttta aactgaaggc gggaaacgac aatctgatcc cagcttgggc tgcagggtcga 2
40

ttgatgcatg ttgtcaatca attggcaagt cataaaatgc attaaaaaat attttcatac 3
00

tcaactacaa atccatgagt 3
20

<210> 8<211> 499<212> DNA<213> artifical<220><221> misc_feature<2
22>
(1)..(499)<223> artifical DNA sequence, part cotton genome and part t
ransgene

<400> 8
ggcatttgta ggtgccacct tccttttcta ctgtcctttt gatgaagtga caggtaggat
60

cgaaagcta gcttggctgc catttttggg gtgaggccgt tcgcggccga ggggcgccag 1
20

cccctggggg gatgggaggc ccgcgttagc gggccgggag ggttcgagaa gggggggcac 1
80

cccccttcgg cgtgcgcggt cacgcgcaca gggcgcagcc ctggttaaaa acaaggttta 2
40

taaataattgg tttaaaagca ggttaaaaga caggttagcg gtggccgaaa aacgggcgga 3
00

aacccttgca aatgctggat tttctgcctg tggacagccc ctcaaagtgc aataggtgcg 3
60

cccctcaaat gtcaatagct tggctgagaa atgatgcatg acttttggag atctaaagct 4
20

ttattggcag taaggtaatt gccttggcta accactttaa atttgtaaa gaattaattg 4
80

tttacttgga attttgtat 4

```

99

<210> 9<211> 22<212> DNA<213> artifical sequence<220><221>
misc_feature<222> (1)..(22)<223> synthetic primer sequence

<400> 9
gatccatccc atagggtcga tc
22

<210> 10<211> 24<212> DNA<213> artifical sequence<220><221>
misc_feature<222> (1)..(24)<223> synthetic primer sequence

<400> 10
ctaagatcga actctccgac acta
24

<210> 11<211> 22<212> DNA<213> artifical sequence<220><221>
misc_feature<222> (1)..(22)<223> synthetic primer sequence

<400> 11
ccaaggcaat taccttactg cc
22

<210> 12<211> 23<212> DNA<213> artifical sequence<220><221>
misc_feature<222> (1)..(23)<223> synthetic primer sequence

<400> 12
ttaaaagaca ggtagcggt ggc
23

tgcgatacta ggcttttgggt ttctt

25

<210> 2<211> 27<212> DNA<213> Pisum sativum<400> 2

agttatactc atggatttgt agttgag

27

<210> 3<211> 24<212> DNA<213> Agrobacterium tumefaciens<400> 3

aggcatcttg aacgatagcc tttc

24

<210> 4<211> 26<212> DNA<213> Gossypium hirsutum<400> 4

aacacctaata acaagtcata cataca

26

<210> 5<211> 18<212> DNA<213> artificial<220><221> misc_feature<222> (1)..(18)<223> artifi

<400> 5

cgattcagat caaacact

18

<210> 6<211> 18<212> DNA<213> artificial<220><221> misc_feature<222> (1)..(18)<223> artifi

<400> 6

caaagtcaa tagcttgg

18

<210> 7<211> 320<212> DNA<213> artificial<220><221> misc_feature<222> (1)..(320)<223> arti

<400> 7

ttgcgatact aggcttttgg tttcttttgggt ttatgtgata tttgggtatta ttttattcaa

60

atacgggtggc taacataagt agctgtgagt gagatgatcc cagtaatgtc taaaatcacg

120

gagcataaac ttaataaata taattatctt gattggagta agacgattca gatcaaacac

180

tgatagttta aactgaaggc gggaaacgac aatctgatcc cagcttgggc tgcagggtoga

240

ttgatgcatg ttgtcaatca attggcaagt cataaaatgc attaaaaaat attttcatac

300

tcaactacaa atccatgagt

320

<210> 8<211> 499<212> DNA<213> artificial<220><221> misc_feature<222> (1)..(499)<223> arti

<400> 8

ggcatttgta ggtgccacct tccttttcta ctgtcctttt gatgaagtga caggtaggat

60

cggaaagcta gcttggctgc catttttggg gtgaggccgt tcgcggccga ggggcgccag

120

cccctggggg gatgggaggc ccgcgttagc gggccgggag ggttcgagaa gggggggcac

180

cccccttcgg cgtgcgcggt cacgcgcaca gggcgcagcc ctggttaaaa acaaggttta

240

taaataattgg tttaaaagca ggttaaaaga caggtagcg gtggccgaaa aacgggcgga

300

aacccttgca aatgctggat tttctgcctg tggacagccc ctcaaagtgc aataggtgcg

360

cccctcaaat gtcaatagct tggctgagaa atgatgcatg acttttggag atctaaagct

420

ttattggcag taaggtaatt gccttggcta accactttaa atttgttaaa gaattaattg

480

tttacttgga attttgtat

99

<210> 9<211> 22<212> DNA<213> artifical sequence<220><221> misc_feature<222> (1)..(22)<223

<400> 9

gatccatccc atagggtcga tc

22

<210> 10<211> 24<212> DNA<213> artifical sequence<220><221> misc_feature<222> (1)..(24)<22

<400> 10

ctaagatcga actctccgac acta

24

<210> 11<211> 22<212> DNA<213> artifical sequence<220><221> misc_feature<222> (1)..(22)<22

<400> 11

ccaaggcaat taccttactg cc

22

<210> 12<211> 23<212> DNA<213> artifical sequence<220><221> misc_feature<222> (1)..(23)<22

<400> 12

ttaaaagaca ggtagcggt ggc

23